

POLAND/Pharmacology - Toxicology - Narcotics.

V

Abs Jour : Ref Zhur Biol., No 4, 1959, 18485

Author : Szafran, Leslaw; Rembiesa, Roman; Guzek, Jan W.,  
Zygulska-Machowa, Helena

Inst : -

Title : The Influence of Repeated Introduction of Narcotic  
Doses of Luminal on Carbohydrate Metabolism in Cooled  
Animals.

Orig Pub : Patol. polska, 1956, 7, No 3, 231-239

Abstract : To rabbits, sodium-luminal was introduced perorally in a  
dose of 0.05 g/kg for the duration of 10-15 days (I); a  
number of them were then cooled to 10° (II). Sugar cur-  
ves in I and II were flat, without a hyperglycemic phase.  
The glycogen content in the tissues of I and II is low;  
injury to liver tissue was discovered histologically.  
The level of oxalic and citric acids in the blood in-  
creases in dependence on the TO decrease of environment,

Card 1/2

SZAFRAN, Leslaw

Effects of cortisone on estrus. Pat. polska 7 no.4:337-340  
Oct-Dec 56.

1. Z Zakladu Patologii Ogolnej i Doswiadczalnej A.M. w Krakowie  
Kierownik: prof. dr. med. B. Giedosz. Krakow, Czysta 18, Zaklad  
Patologii A.M.

(ESTRUS CYCLE, eff. of drugs on  
cortisone, in mice (Pol))

(CORTISONE, eff.  
on estrus cycle in mice (Pol))

EXCERPTA MEDICA Soc.6 Vol.12/4 Internal Med. April 53

SZAFRAN L.

2391. INFLUENCE OF CALCIUM ON THE FUNCTIONAL STATE AND THE HISTOLOGICAL PICTURE OF THE THYROID - Wplyw wapnia na stan czynnościowy i obraz histologiczny tarczycy - Szafran L. and Mach Z. Zakł. Patol. Ogólnej i Doświadczalnej A. M., Kraków - POL. TYG. LEK. 1956, 11/48 (2031-2035) Graphs 1 Tables 7

Referring to the iodine-calcium antagonism, the iodine content in the blood and in the thyroid, and the morphological picture of the thyroid in the progeny of rats which had been kept on a Ca-abundant diet were examined. The iodine level in the blood decreased on the average to  $4.88 \mu\text{g./100 ml.}$  (in the control animals to  $6.25 \mu\text{g./100 ml.}$ ). The weight of the thyroid was doubled. The iodine content in the thyroid decreased and amounted on the average to  $1.07 \mu\text{g.}$  (in the control animals on an average to  $2.83 \mu\text{g.}$ ). Taking into consideration the hyperplasia of the gland and calculating the iodine content per 1 g. of weight, we find that the iodine content decreased 5 times, on the average to  $52.91 \mu\text{g.}$  (in the control animals  $243.4 \mu\text{g.}$ ). Histologically was observed: hyperplasia of the thyroid, growth of the height of the epithelium and decrease of the amount of colloid. The volume of cellular nuclei increased. It is concluded that a continual consumption of excessive quantities of Ca with food for many years even in the case of a sufficient iodine content, will lead in time to the impairment of the thyroid function as a consequence of general decrease of iodine in the body. These changes appear most distinctly in the progeny of animals whose parents have already shown a certain iodine deficiency.

(VI, 1, 5)

MACH, Zdzislaw; SZAFRAN, Leslaw

Effect of calcium on thyroid function and histology, Polski tygod.  
lek. 12 no.42:1611-1614 21 Oct 57.

1. Z Zakladu Patologii Ogolnej i Dowiadczalnej A. M. w Krakowie;  
prof. dr Med. Bronislaw Giedosz. Adres: Krakow, ul. Czysta 18. Zaklad  
Patol. Og. i Dosw. A.M.

(THYROID GLAND, effect of drugs on,  
calcium, in rats (Pol))

(CALCIUM, effects,  
on thyroid gland in rats (Pol))

EXCERPTA MEDICA Sec 2 Vol 12/9 Physiology Sept 59

4159. EFFECT OF SUBDIAPHRAGMATIC SECTION OF THE VAGUS NERVES  
ON PRESSURE IN THE BILE DUCTS - Wpływ podprzeponowego przecięcia  
nerwów błędnych na ciśnienie w drogach żółciowych - Szafran L. Zakł.  
Patol. Ogólnej i Dośw. A. M., Kraków - PAT. POL. 1958, 9/3(221-226)

Tables 6

Section of the right vagus nerve below the diaphragm produces in rabbits a fall of pressure in the extrahepatic bile ducts owing to relaxation of their muscular walls and a decrease in tone of Oddi's sphincter. Section of the left vagus has no influence. Section of the right vagus in the neck also has no influence on pressure in the bile ducts.

Czubalski - Warsaw

SZAFRAN, Leslaw

Cataract related to skin diseases. Klin. oczna 31 no.3:267-274  
'61.

1. Z Kliniki Chorob Oczu AM w Krakowie Kierownik: prof. dr med.  
M.Wilczek.

(CATARACT case rep) (SKIN dis)  
(DIABETES MELLITUS compl)

SZAFRAN, Leslaw

Lens opacity of the smelting cataract type in welders. Med. pracy  
16 no.3:246-249 '65.

1. Z Kliniki Chorob Oczu AM w Krakowie (Kierownik: prof. dr. med.  
M. Wilczek).

SZAFRAN, Leslaw; DANEK, Zbigniew; WITEK, Jerzy

Usefulness of routine roentgenographic examination in the diagnosis of intra-orbital foreign bodies. Pol. tyg. lek. 20 no.38:1425-1427 20 S '65.

1. Z Kliniki Radiologicznej AM w Krakowie (Kierownik: prof. dr. Stanislaw Januszkiewicz) i z Kliniki Chorob Oczu AM w Krakowie (Kierownik: prof. dr. Marian Wilczek).



SZAFRAN, M.

Structure of 6-methyl-picolinic acid N-oxide and its derivatives.  
Bul chim PAN 10 no.9:479-485 '62.

1. Department of Organic Chemistry, A. Mickiewicz University, Poznan.  
Presented by J. Suszko.

SEAFRAN, M.

Investigations on homologous pyridine derivatives. Pts. 8-9.  
Bul chim PAN 11 no.9:497-506 '63.

1. Department of Organic Chemistry, A. Mickiewicz University,  
Poznan. Presented by J. Suszko.

SZAFRAN, M.

Investigations of homologous pyridine derivatives. Pt. 10.  
Bul chim PAN 12 no.5:289-294 '64.

1. Department of Organic Chemistry, A. Mickiewicz University,  
Poznan. Presented by J. Saszko.

SZAFRAN, Z.; HOMANSKA-SZAFRANOWA, H.; OLEKSY, J.

Distribution of enzymes of the esterase group in the proteins fractions of the pancreatic juice in the dog. Acta biochim. polon. 5 no.2:189-197. 1958.

1. Z Zakladu Chemii Fizjologicznej A.M. w Krakowie. Kierownik: Prof. dr B. Skarzynski i z Zakladu Fizjologii A.M. w Krakowie Kierownik: Prof. dr J. Kaulbersz.

(ESTERASES,

in protein fractions of pancreatic juice of dog (Pol))

(PANCREAS,

juice, esterases in protein fractions in dog (Pol))

HOMANSKA-SZAFRANOWA, H. OLEKSY, J., SZAFRAN, Z.

Effect of purified secretin and pancreatic enzymes and of pilocarpine on secretion of enzymes in the pancreatic juice in dog. Acta physiol. polon. 9 no.2:233-245 1958

1. Z Zakładu Chemii Fiziologicznej A.M. w Krakowie. Kierownik: prof. dr B. Skarzynski i z Zakładu Fiziologii A.M. w Krakowie, Kierownik: prof. dr J. Kaulbersz.

(SECRETIN, effects,

on pancreatic enzyme content in dog (pol))

(PILOCARPINE, effects,

same (Pol))

(PANCREAS,

juice, eff. on enzyme content of secretin, pancreatic enzymes & pilocarpine (Pol))

SZAFIAN, Z.; SZAFRAN, H.; OLEKSY, J.

Hydrolysis of carboxylic esters by dog pancreatic juice  
esterases. Acta biochim.polon. 6 no.2:205-217 '59.

1. Zaklad Chemii Fizjologicznej A. M. w Krakowie Kierownik:  
prof. dr B. Skarzynski i Zaklad Fizjologii A. M. w Krakowie  
Kierownik: prof. dr J. Kaulbersz.  
(ESTERASES - chemistry)  
(PANCREATIC JUICE - chemistry)

SZAFRAN, Halina; SZAFRAN, Z.; OLEKSY, J.

Studies on hydrolases in digestive juices. V. Proteolytic enzymes in pancreatic juice in dogs. Acta biochim.polon. 7 no.1:51-62 '60.

1. Zakład Chemii Fizjologicznej A.M. w Krakowie. Kierownik: prof. dr B. Skarszynski. Zakład Fizjologii A.M. w Krakowie. Kierownik: prof.dr J. Kaulbersz.

(PANCREATIC JUICE chem.)

(PROTEASES chem.)

OLEKSY, J.; SZAFRAN, Halina; SZAFRAN, Z.

Studies on hydrolases in digestive juices. VI. Esterases in intestinal juices in dogs. Acta biochim.polon.8 no.1:43-53 '61.

1. Zaklad Chemii Fizjologicznej AM w Krakowie, Kierownik: Prof. Dr B. Skarzynski Zaklad Fizjologii AM w Krakowie, Kierownik: Prof. Dr. J. Kaulbersz.

(ESTERASES chem) (INTESTINES)



SZAFRAN, Z.; SZAFRAN, Halina; OLEKSY, J.

Studies on hydrolases of digestive juices. VII. ~~Proteolytic~~ activity of canine intestinal juice. Acta biochim. polon. 9 no.3:205-214 '62.

1. Department of Physiological Chemistry and Department of Physiology, Medical School, Krakow.

(PROTEASES - chemistry) (INTESTINE, SMALL - chemistry)

SZAFRAN, Halina; SZAFRAN, Z.

Studies on hydrolases of digestive juices. Acta biochim. pol. 10  
no.2:141-150 '63.

1. Department of Physiological Chemistry, Medical School, Krakow.  
(CHOLINESTERASE) (PANCREATIC JUICE) (CHEMISTRY)

SZAFRAN, Z.; OLEKSY, J.

Cholinesterase activity of canine intestinal juice obtained from the Thiry-Vella fistula. Bul Ac Pol biol 11 no.3:119-122 '63.

1. Department of Physiological Chemistry, School of Medicine, Krakow. Presented by B. Skarzynski.

SZAFRAN, Zygmunt, dr inz.

Influence of vibration on the settlement of sands with oval and sharp-edged grains. Archiw hydrotech 10 no. 4: 605-638 '63.

1. Politechnika, Wroclaw.

SZAFRAN, Zdzislaw; SZAFRAN, Halina; POPIELA, Tadeusz

Esterolytic effect of the duodenal fluid on aromatic esters.  
Folia med. Cracov. 6 no.1:93-99 '64

BIEN, Anna; SZAFRAN, Halina; SZAFRAN, Zdzislaw

Antiproteolytic activity of human cerebrospinal fluid. Neurol.  
neurochir. psychiat. Pol. 14 no.1:7-12 Ja-F '64.

1. Z Kliniki Neurologicznej Akademii Medycznej w Krakowie  
(Kierownik: prof. dr. W. Jakimowicz) z Zakladu Chemii Fizjo-  
logicznej Akademii Medycznej w Krakowie (Kierownik: prof.  
dr. B. Skarzynski).

**SZAFRANEK J.**  
SZABUNIEWICZ, B.; KRYSZEWSKI, A.; SZAFRANEK, J.

Method of registration, measurement, and demonstration of the quantity of secreted saliva. Acta physiol. polon. 5 no.4:554-557 1954.

1. Z Zakładu Fizjologii Akademii Medycznej w Gdańsku. Kierownik: prof. dr B.Szabuniewicz.

(SALIVA, physiology,  
secretion, measurement, registration & demonstration,  
technic)

SZAFRANEK, J.

KRYSZEWSKI, A.; SZAFRANEK, J.

Effect of hypoxic-hypercapnic hypothermia on erythrocyte count in rats.  
Acta physiol. polon. 8 no.3:405 1957.

1. Z Zakladu Fizjologii A. M w Gdansk Kierownik: prof. dr B. Szabuniewicz.  
(ERYTHROCYTES,  
count, eff. of hypoxic-hypercapnic hypothermia in rats (Pol))  
(HYPOTHERMIA, effects,  
hypoxic-hypercapnic, on erythrocyte count in rats (Pol))



GACA, Witold, dr inż.; JEDRZEJCZAK, Hubert, mgr inż.; SZAFRANEK,  
Janusz, mgr inż.

Corrosion of the reinforcement in hydraulic concrete.  
Archiw hydrotech 10 no. 4: 587-604 '63.

1. Politechnika, Gdansk (for Gaca and Jedrzejczak)
2. Wyższa Szkoła Pedagogiczna, Gdansk-Wrzeszcz (for Szafranek).

SOKOLOWSKI, Janusz; SMIATACZ, Zygfryd; SZAFRANEK, Janusz

Configuration and conformation of N-glycosides. Pt. 2. Rocz  
chemii 37 no.5:525-536 '63.

1. Department of Organic Chemistry, Normal School, Gdansk.

SOKOLOWSKI, Janusz; SZAFRANEK, Janusz

Configuration and conformation of N-glycosides. Pt. 4.  
Rocz chemii 37 no. 7/8:735-745 '63.

1. Department of Organic Chemistry, Normal School, Gdansk.

I 36899-6: NM

ACC NR: AP6027098

(N)

SOURCE CODE: PO/0099/66/040/001/0029/0036

AUTHOR: Sokolowski, Janusz; Szafranek, Janusz

4/b  
B

ORG: Department of Organic Chemistry, Normal School, Gdansk (Katedra Chemii Organicznej Wyzszej Szkoły Pedagogicznej)

TITLE: Infrared spectra of some derivatives of N-glycosides 7

SOURCE: Roczniki chemii - annales societatis chimicae polonorum, v. 40, no. 1, 1966, 29-36

TOPIC TAGS: IR spectrum, IR absorption, absorption band, organic amide, acetylene compound

ABSTRACT: Infrared absorption bands, connected with the symmetric and antisymmetric vibrations of the tetrahydropyran ring, with the valency vibrations of the amide carbonyl group and the valency and deformation vibrations of the NH group for O-acetyl, O,N-acetyl and O-benzylidene derivatives of N-glycosides, were identified. Orig. art. has: 20 figures. [Based on authors' Eng. abst.] [JPRS: 35,392]

SUB CODE: 07, 20 / SUBM DATE: 23Nov64 / ORIG REF: 003 / OTH REF: 006

LS

Card 1/1

1  
SZCZUREK, Edward, mgr inz.; SZAFRANEK, Marian, mgr inz.

Protection against asymmetric load of synchronous generators.  
Energetyka Pol 18 no. 8:233-238 Ag '64.

1. Electric Safety, Regulation and Measuring Services, Electric  
Power Plants of the Sothern District, Katowice.

SZAFRANIEC, Franciszek Hugon

On a certain sequence of ordinary differential equations. Prace  
matem Krakow no. 9:89-91 '63.

ACKERMANN, Jadwiga; NOWICKI, Zdzislaw; SZAFRANIEC, Irena

Method of decalcification of hard tissues in moderate vacuum.  
Pat. polska 7 no.2:89-93 Apr-June 56.

1. Z Zakladu Histologii A.M. w Krakowie, Kierownik: prof. Dr.  
J. Ackermann. Adres autora: Krakow, Zaklad Histologii A.M. Ul,  
Kopernika 7.

(HISTOLOGY,

decalcification of hard tissue in moderate vacuum (Pol))

(CALCIUM,  
same)

RUTA, Ryszard; SZAFRANIEC, Irena

Histometric studies on the structure of the human sternum.  
Pat. pol. 14 no.2:287-295 '63.

1. Kierownik: prof. dr J. Aleksandrowicz Z Zakladu Histologii  
AM w Krakowie Kierownik: prof. dr J. Ackermann Z III Kliniki  
Chorob Wewn. AM w Krakowie.  
(STERNUM) (HISTOLOGY)



POLAND

GWIJDEK, Eugeniusz, MORODYSKI, Boguslaw, and SZAPRAWIEC, Irena; Department of Preventive Stomatology (Zaklad Stomatologii Zachowawczej) (Director: Docent, Dr. J. WODNIECKI) and Department of Histology (Zaklad Histologii) (Director: Prof. Dr. J. ACKERMAN), both of the AM [Akademia Medyczna, Medical Academy] in Krakow

"Effect of Riebler's Paste on the Tissues Surrounding the Tooth."

Warsaw-Krakow, Przegląd Lekarski, Vol 19, Ser II, No 7, 31 Jul 63, pp 325-329

Abstract: In connection with manufacturers' caution not to introduce Riebler's paste beyond the apical opening of the tooth, the authors undertook an experimental study of the effect of this paste in rabbits. They describe procedure, clinical observations, and histological study, and tabulate their findings. Injection of the paste into the mandibular bone caused infection, damage to blood vessels, and clearly demarcated infiltration into the bone and soft tissue, which spread in time. In control animals, receiving neutral paste, scar tissue started forming after 3 days. 5 Polish references.

1/1

- END -

1583

CSO: 2000-X

16

SZAFRANIEC, R.

SZAFRANIEC, R. Results of Observations of Eclipsing Variables in 1934/5 and 1947. Acta astronomica, Section C, 1948, v. 4, p. 81-82.

SZAFRANIEC, R.

Minima of eclipsing variables observed in 1957. p. 189.

ACTA ASTRONOMICA. (Polska Akademia Nauk. Komitet Astronomii)  
Warszawa. Vol. 8, no. 4, 1958. In English.  
Poland/

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, No. 6, June 1959  
Uncl

SZAFRANIEC, R. (Krakow)

Minima of eclipsing variables observed in 1958. Acta astronom 9  
no.1:48-49 '59.

SZAFRANIEC, R.

The Nordmann-Tikhov effect in the light of photoelectric observations. Acta astronomica 12 no.3:181-199 '62.

1. Observatory, Krakow.

SZAFRANIEC, R. (Krakow)

Minima of eclipsing variables observed in 1960. Acta astronom  
no.1:79 '63.

BIELI, S. HOMROWSKA, H.: SZAFRANOWA, H.

Clinical dextran; pharmacologic methods of investigation. Acta  
Poloniae pharm. 12 no.3:147-152 '53.

1. Instytut Farmaceutyczny w Warszawie.  
(DEXTRAN,  
pharmacol.)

SYNOWIEDSKI, Zdzisław; MIODUSZEWSKI, Jan Zbigniew; SIKORSKA, Janina;  
SZAFRANOWA, Halina.

Dextran as plasma substitute; investigations and method of preparation. Acta Poloniae pharm. 11 no.2:97-112 1954.

1. Z Instytutu Farmaceutycznego. Dyrektor: mgr W.Gumulka.  
(DEXTRAN,  
\*pharmacol. & prep.)



BIELE, S.; HOMROWSKA, H.; SZAFRANOWA, H.

Results of pharmacological investigations on product of hydrolysis  
of 2-phenyl-benzylaminomethyl-imidazoline hydrochloride; allergan  
A basic. Acta Poloniae pharm. 11 Suppl.:33-34 1955.

1. Instytut Farmaceutyczny w Warszawie.

(ANTI-HISTAMINICS,

antazoline hydrolysis prod., pharmacol.)

POLAND

SZAFRANOWA, H. Department of Pharmacology, Institute of Drugs, Warsaw  
(Z Zakładu Farmakologii Instytutu Leków w Warszawie).

"Steroidal Compounds with Anabolic Activity."

Warsaw, Poland Tygodnik Lekarski, Vol 17, No 52, 24 Dec 62, pp 2043-2047

Abstract: The activity and medical applications of steroidal compounds with anabolic action is reviewed. Thirty-four references are cited.

1/1

SZAFRANOWA, Halina

Anabolic steroid. Pol. tyg. lek. 17 no.52:2043-2047 25 D '62.

1. Z Zakładu Farmakologii Instytutu Leków w Warszawie; kierownik:  
doc. dr Jan Venulot.

(ANDROGENS)

(STEROIDS)

JAKIMOWSKA, Krystyna; SZAFRANOWA, Halina

Effect of an E. coli polysaccharide on kidney function. Acta  
physiol. Pol. 15 no.5:695-700 S-O '64

1. Z Zakladu Farmakologii Instytutu Lekow w Warszawie (Kie-  
rownik: doc. dr. J. Venulet).

← SZAFRANSKI, A.

Ebulliometric examination of 2-picoline and its typical contamination.  
Bul Ac Pol chim 7 no.1:17-21 '59. (EEAI 9:7)

1. Basic Raw Materials Department, Institute of Physical Chemistry,  
Polish Academy of Sciences. Presented by W.Swietoslowski.  
(Picoline)

SZAFRANSKI, A.

Ebulliometric examination of 2,6-lutidine and its typical contaminations.  
Bul Ac Pol chim 7 no.7:479-483 '59. (EBAI 10:4)

1. Institute of Physical Chemistry, Polish Academy of Sciences.  
Presented by W.Swietoslawski.  
(Lutidina) (Ebullioscopes)

SZAFRANSKI, A.

Measurement of meltin temperature of naphthalene by cryometric static method. Bul chim PAN 8 no.5:265-268 '60.

(EEAI 10:9/10)

1. Institute of Physical Chemistry, Polish Academy of Sciences.  
Presented by W. Swietoslowski.

(Melting points) (Temperature) (Naphthalene)  
(Cryometer)

SZAFRANSKI, KAZIMIERZ

Chemical Abst.  
Vol. 48 No. 9  
May 10, 1954  
Foods

(3)  
The influence of sodium nitrite on the preservation of fish.  
Kazimierz Szafrański, Franciszek Szymczyk, and Stanisław  
Krauze. Roczniki Państwowego Zakładu Hig. 1953,  
No. 3a, 347-54 (English summary).—It was demon-  
strated that fresh-water fish, i.e. carp, preserved on ice  
contg. 0.1% NaNO<sub>2</sub> retain their freshness 3-4 days longer,  
on ice contg. 0.15% NaNO<sub>2</sub> 5-6 days longer than on  
ordinary ice (13, 14, and 19 days). The NaNO<sub>2</sub> content of  
fish does not exceed the legal limit of 20 mg./100 g. Ice  
contg. NaNO<sub>2</sub> inhibits the growth of bacteria and the de-  
velopment of Me<sub>3</sub>N. A quant. colorimetric method is de-  
scribed for detg. the nitrite content of fish with the HCl  
salt of m-phenylenediamine. Alk. Pb(OAc)<sub>2</sub> and Na<sub>2</sub>HPO<sub>4</sub>  
is used to ppt. proteins instead of Liquor ferri dialysati.  
Richard Rhdich.

SZAFRANSKI, KAZIMIERZ

POLAND/Chemical Technology, Chemical Products and Their  
Application, Part 3, 1954, 34321.

H-28

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001654410003-7"

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 34321.

Author : Zbigniew Bożyk, Kazimierz Szafrański, Halina Goch,  
Zygmunt Culczyński, Anna Jastrzębska.

Inst : not given.

Title : Nutritious Value of Some Canned Meat.

Orig Pub: Przem. spożywczy, 1956, 10, No 11, 464 - 467.

Abstract: The investigation of canned meat "Beef Goulash",  
"Pork Goulash" and "Sausage" concerning their water,  
protein, fat, ashes and carbohydrate contents showed  
that "Pork Goulash" was the most calorific; "Beef  
Goulash" was rich in protein.

Card : 1/1



SZAFRANSKI, P.; SYM, E.A.

Organic catabolites of tubercle bacilli of strain H37Rv cultivated on the synthetic DGK medium. (First report). Bull. State Inst. Marine Trop. M. Gdansk 3 no.1-2:25-33 1950. (CJML 20:7)

1. Of the State Institute of Marine and Tropical Medicine and the Polish Tuberculosis Institute.

SZAFRANSKI, P.; SYM, E.A.

Organic catabolites of strain H37Rv Mycobacterium tuberculosis  
cultured in DGK medium. Gruzlica, Warszawa 18 no.3-4:427-436  
July-Dec 1950. (CML 20:7)

1. Of the National Institute of Marine and Tropical Medicine and the  
Institute of Tuberculosis, Gdansk.

SZ/FRANSKI, P.

Quantitative determination of malic acid as a metabolite of  
Mycobacterium tuberculosis and effect of streptomycin and PAS  
on its synthesis. Gruslica 20 no. 6:669-679 Nov-Dec 1952.

(OLML 24:2)

1. Of the Department of Biochemistry of the Institute of Tuberculosis and of the Institute of Physiological Chemistry of Warsaw Medical Academy.

SZAFRANSKI, PREMYSŁAW

20

Continuous extraction of metabolites from media during  
application of the method to the study  
of the metabolism of  $\text{K}^{40}\text{Ca}$  in the presence of  $\text{Ca}^{45}$

Szafranski P.

POLON

✓ Malic acid formation in various strains of mycobacteria.  
L. Szarkowska and P. Szafranski (Państwowy Zakład Hig.  
Warsaw). *Acta Diacrim. Polon.* 1, 225-9(1954).—*Mycobacterium phlei*, strain 276, *M. tuberculosis* var. *hirs*, and  
BCG formed an av. 1.7, 3.1, 4.9, 0.1, and 6.5 mg. % malic  
acid/g. dry cells. *M. tuberculosis* H37Rv cultures gave  
inconsistent results. I. Z. Roberts

*SZAFRANSKI, P.*

LASSOTA, Z.; ~~SZAFRANSKI, P.~~; SZARKOWSKA, L.; SZARKOWSKI, J.W.

Caloric and material balance of *Mycobacterium phlei*. Acta physiol.  
polon. 5 no.4:601-602 1954.

1. Z Zakladu Biochemii PAN i Zakladu Chemii Fizjologicznej Akademii  
Medycznej w Warszawie. Kierownik: prof. dr J.Heller.

(MYCOBACTERIUM  
phlei, caloric & material balance)

S. LACONSKI, F.

SZARKOWSKA, L.; SZAFRANSKI, P.

Comparative studies on synthesis of malic acid by various strains of Mycobacterium. Acta physiol. polon. 5 no.4:602-604 1954.

1. Z Działu Biochemii Państwowego Zakładu Higieny w Warszawie.  
Z Zakładu Chemii Fizjologicznej Akademii Medycznej w Warszawie.  
Kierownik: prof. dr J. Heller.

(MYCOBACTERIUM, metabolism,  
malic acid, synthesis by various types)

(MALATES, metabolism,  
Mycobact., synthesis by various types)

*SZAFRANSKI, P.*  
SZAFRANSKI, P.; SZARKOWSKA, L.

Studies on infiltration by microorganisms. Acta physiol. polon. 5  
no.4:604-605 1954.

1. Z Zakładu Biochemii PAN, Warszawa i Zakładu Chemii Fizjologicznej  
Akademii Medycznej w Warszawie. Kierownik: prof. dr J.Heller.  
(MYCOBACTERIUM,  
phlei, infiltration mechanism)



SZAFRANSKI, Przemyslaw; SZARKOWSKA, Ludmila

Infiltration of cells in microorganisms. Acta biochim.polon.  
2 no.2:199-211 1955.

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(3)

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(PENTOSSES, determination,  
in M. tuberc. (Pol))  
(MYCOBACTERIUM TUBERCULOSIS, metabolism,  
pentoses (Pol))

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vezetoje.

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MANTEUFFEL-SZOEGE, Leon; NOWICKI, Jan; MICHALOWSKI, Jacek; GRUNDMAN, Jerzy;  
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(PNEUMONECTOMY) (STATISTICS)  
(TUBERCULOSIS, PULMONARY)

*SZAGR T.*

CZECHOSLOVAKIA/General Problems.

A-

Abs Jour : Ref Zhur - Khimiya, No 10, 1957, 3339<sup>4</sup>

Author : Heyrovsky J., Szagr T., Krpelka J.N., Nemec B.

Inst :

Title : Recollections on Professor Bohuslav Brauner.

Orig Pub : Chem. listy, 1955, 49, No 6, 802-813.

Abstract : No abstract.

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(SCHIZOPHRENIA, therapy,

\*shock ther., insulin, conditioned reflex reactions  
during ther.)

(SHOCK THERAPY, INSULIN, in various diseases,

\*schizophrenia, conditioned reflex reactions during ther.)

(REFLEX, CONDITIONED,

\*in insulin shock ther. of schizophrenia)

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Z.W.Kuligowski.

(SERUM GLOBULIN)

(COPPER blood)

(SCHIZOPHRENIA blood)

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(NEUROLOGY csf)

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Psychoneurologicznego w Pruszkowie Dyrektor: prof. dr med. Z.W.  
Kuligowski.

(SERUM GLOBULIN)  
(UMBILICAL CORD blood)

(PLACENTA blood)  
(INFANT NEWBORN blood)

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im. prof. dr med. J. Mazurkiewicza w Pruszkowie Dyrektor: dr med.  
F. Kaczanowski.

(LIVER FUNCTION TESTS) (HEPATOLENTICULAR DEGENERATION)

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110. Modernization of drawing frames in the Hungarian cotton spinning industry. M. Szajbely. *Magyar Textil-technika*. 1955, No. 11-12, pp. 405-411, 15 figs., 9 tabs.

The first condition for shortening spinning methods is that the evenness of rovings produced on the flyer frames should be satisfactory. Since the Hungarian industry does not possess any high-draft flyer frames researches on yarn unevenness naturally led to the examination of drawing frames. Tests were executed with electronic instruments. In Hungary three methods were developed to increase the evenness of drawing frame slivers. (1) Testing of draft distribution especially on Textima drawing frames. By studying the equalizing effect of the drawing zones a new method of draft distribution considerably improved yarn unevenness. Unevenness tested with electronic instruments showed an average decrease of 2%. (2) The system developed by Aristov, which consists in the oblique guiding of the web, was applied on certain types of drawing frames. Tests on 1 m yarn sections showed that the unevenness of 7 or more found before applying the system dropped below the value of 5 upon application. (3) Based on theoretic conceptions experiments were made on the application of the Fuller principle. On drawing frames converted into strut drawing rollers the unevenness decreased from 5-7% to 4% with the same raw material.

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Uncla.